

IN THE CLAIMS:

Please cancel claims 8-18, 21-32, 35-47, and 52-54 without prejudice to a possible divisional application. **Please also amend** claims 1-5, 7, 19, 20, 33, 34, 48-51, 55, 56, and 58 as shown in the complete list of claims that is presented below.

1. (currently amended) An image display system comprising:

an original image holding device for holding ~~original~~ first image data;

a computer communicating with said original image holding device, said computer comprising an image display device; ~~connected to said original image holding device;~~ and a storing device for storing second image data ~~obtained by converting~~ corresponding to said ~~original~~ first image data and suitable for display by said image display; wherein: display device;

wherein said ~~image display device~~ has the functions of ~~reading~~ computer reads out and ~~displaying~~ said second image data from said storing device, displays on said image display device the second image data read out from said storing device, and ~~detecting~~ detects alterations to said second image data ~~when the image data is read out;~~ out from said storing device;

wherein, said image display device has the functions of, if an alternation to the said second image data read out from said storing device is detected, ~~requesting~~ said computer additionally requests said original image holding device to transfer ~~original~~ first image data;

wherein said original image holding device ~~has the function of transferring original~~ transfers said first image data to said ~~image display device,~~ computer, in accordance with

an original image data transfer request ~~request~~ from said ~~image display device computer~~;
and

wherein said image display device ~~has the function of displaying~~ displays the
~~original~~ first image data transferred ~~thereto~~ to said computer.

2. (currently amended) An image display system according to claim 1, wherein
said image display device ~~has the function of displaying~~ displays an indication that ~~original~~
first image data has been obtained since there has been an alteration to the second image
data, along with displaying said ~~original~~ first image data transferred thereto.

3. (currently amended) An image display system according to claim 1,

wherein said first image data comprises a plurality of regions;

wherein said ~~image display device computer~~ detects alterations to the first image
data for each of said regions, and if an alteration to the first image data is detected, then it
sends alteration information relating to the region where the alteration was detected to said
original image storing device, along with said original image data transfer request;

wherein said original image storing device sends ~~original~~ first image data for the
corresponding region to said ~~image display device computer~~, on the basis of said alteration
information; and

wherein said image display device synthesizes the transferred ~~original~~ first image
data for said region with the second image data for the other regions.

4. (currently amended) An image display system according to claim 3, wherein said ~~image display device computer~~ detects alterations to the second image data by means of the presence or absence of an electronic watermark.

5. (currently amended) An image display system according to claim 4, wherein said plurality of regions are blocks obtained by uniform division of the second image data; and said ~~image display device computer~~ detects alterations for each of said blocks.

6. (original) An image display system according to claim 4, wherein said plurality of regions are description regions based on a document format database.

7. (currently amended) An image display system according to claim 6, wherein said ~~image display device computer~~ sends co-ordinates information for said first image data stored in said storing device, as said alteration information, to said original image storing device; and said original image storing device reads out ~~original~~ first image data for the corresponding region on the basis of said co-ordinates information, and transfers said ~~original~~ the read-out first image data to said ~~image display device computer~~ .

Claims 8-18 (cancelled)

19. (currently amended) An image display system for document management comprising an image registration terminal device, a server, and a reading terminal device mutually linked by ~~means of~~ a network, wherein:

(A) said image registration terminal device ~~comprises:~~ comprises a first input section for converting ~~original image data for a document that is to be disclosed,~~ into image data; and a first screen display section capable of displaying said image data, data

and set_regions specified as prospective non-disclosure regions within the an image data region of said image data;

(B) said server obtains and stores said image data and setting-data for said set_regions from said image data registration terminal device; and

(C) said reading terminal device ~~comprises:~~ comprises a second input section for reading out said image data and said setting-data from said server; a region deciding section for deciding ~~disclosed regions~~ disclosure decided regions in said image data region and ~~non-disclosed~~ non-disclosure decided regions in said image data region with respect to ~~the set regions in said image data region;~~ said setting-data; and a second screen display section capable of displaying said image data, said set_regions, and said non-disclosure decided regions within said image data region.

20. (currently amended) An image display system according to claim 19, wherein:

(A) said image registration terminal device further comprises:

a prospective non-disclosure region setting device for creating said setting-data for said set_regions;

a first memory for storing said image data and setting-data in a readable fashion;
and

a first output section for reading out said image data and setting-data from said first memory and outputting same to be stored in said ~~server;~~ server, said first output section comprising said first screen display section; and

~~said first output section comprising said first screen display section;~~

(B) said reading terminal device further comprises:

a disclosure data creating section for converting image data within said non-disclosure decided regions to non-readable data, converting image data within said ~~disclosed~~ disclosure decided regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

a second output section for converting said disclosure data to a disclosure document having perceivable contents; and

a second memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, and said disclosure ~~data;~~ data, said output section comprising said second screen display section.

~~said second output section comprising said second screen display section.~~

Claims 21-32 (cancelled).

33. (currently amended) An image display system according to claim 19, wherein:

said first screen display section is capable of displaying structured image data created from said image data and setting data for said set regions;

said server obtains and stores said setting-data for said set-regions, and said structured image data; and

said second screen display section is capable of displaying disclosure data consisting of said non-readable data and readable data, obtained by converting the image data in the ~~disclosure~~ disclosure decided regions to readable data.

34. (currently amended) An image display system according to claim 33, wherein:

(A) said image registration terminal device further comprises:

a prospective non-disclosure region setting device for creating said setting-data for said set-regions;

a structured image data creating section for creating said structured image data;

a reference data creating section for creating reference data for referencing said set-regions within said structured image data;

a first memory for storing said image data, said structured image data, said setting-data and said reference data, in a readable fashion; and

a first output section for reading out said structured image data, said setting-data and said reference data from said first memory and outputting same to said server for ~~storage~~; storage, said first output section comprising said first screen display section; and

~~wherein said first output section contains said first screen display section; and~~

(B) said reading terminal device further comprises:

a region deciding section for creating said image data on the basis of said structured image data, said setting-data and said reference data read out from said server, and then setting ~~disclosed~~ said disclosure decided regions and ~~non-disclosed~~ said non-disclosure decided regions with respect to the set-regions in said image data region of said image data;

a disclosure data creating section for creating said disclosure data by converting image data within said non-disclosure decided regions to said non-readable data, in addition to said readable data conversion;

a second output section for converting said disclosure data to a disclosure document having perceivable contents, said second output section comprising said second screen display section; and

a second memory for storing, in a readable fashion, said image data, said setting-data, said readable and non-readable data, and said disclosure ~~data~~; data.

~~wherein said second output section contains said second screen display section.~~

Claims 35-47 (cancelled).

48. (currently amended) An image display system for document management comprising an image registration terminal device, server and reading terminal device mutually linked by ~~means of~~ a network, wherein:

(A) said image registration terminal device ~~comprises~~; comprises a first input section for converting original image data for a document that is to be disclosed, into image data; and a first screen display section capable of displaying said image ~~data~~; data and set-regions specified as prospective non-disclosure regions within ~~the~~ an image data region of said image data;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and ~~it~~ said server also obtains and stores said image data and setting-data for said set-regions from said image registration terminal device; and

(C) said reading terminal device ~~comprises~~; comprises a second input section for reading out said image data, said setting-data, said reading authorization level correspondence data, and said item name correspondence data relating to said reading

authorization levels, from said server; and a second screen display section capable of displaying said image data, readable item names within said image data region, said set-regions within said image data region, and non-disclosure decided regions within said image data region.

~~and a second screen display section capable of displaying said image data, readable item names, said set regions and non-disclosure decided regions within said image data region.~~

49. (currently amended) An image display system according to claim 48, wherein:

(A) said image registration terminal device further comprises:

a prospective non-disclosure region setting device for creating said setting-data for said set-regions;

a first memory for storing said image data and setting-data in a readable fashion;
and

a first output section for reading out said image data and setting-data from said first memory and outputting same to be stored in said server;

wherein said first output section ~~containing~~ comprises said first screen display section;

wherein said prospective non-disclosure region setting device ~~comprising~~ comprises an index data creating section for creating index data relating to said image data and to said set-regions, as a portion of said setting-data;

wherein the index data relating to said image data ~~comprising~~ comprises indexing keywords, and image data tag names and attribute names; and

wherein the index data relating to said set-regions ~~comprising~~ comprises a region number, two-dimensional co-ordinate values, region width and region height for said set-regions, and name attributes indicating the item names relating to said set-regions;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and ~~it~~ said server also stores said image data and said setting data from said image registration terminal device; and

(C) said reading terminal device further comprises:

a non-disclosed region deciding section for specifying ~~disclosed~~ said disclosure decided regions and ~~non-disclosed~~ said non-disclosure decided regions by selecting item names by specifying a read out reading authorization level, and specifying set-regions corresponding to the selected item names in said image data region, on the basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for converting image data within said non-disclosure decided regions to non-readable data, converting image data within said ~~disclosed~~ disclosure decided regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

a second output section for converting said disclosure data to a disclosure document having perceivable contents, said second output section comprising said second screen display section; and

a second memory for storing, in a readable fashion, said image data, said setting-data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data, and said item name correspondence ~~data;~~ data.

~~wherein said second output section contains a second screen display section.~~

50. (currently amended) An image display system according to claim 19, wherein:

said first screen display section is capable of displaying structured image data created from said image data and said setting-data;

said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and ~~it~~ said server also obtains and stores said structured image data in place of said image data and setting-data for said set-regions from said image registration terminal device;

said second input section reads out said structured image data, said reading authorization level correspondence data and said item name correspondence data, from said server; and

said second screen display section is capable of displaying readable item names, and disclosure data consisting of said non-readable data and readable data, obtained by converting the image data in the ~~disclosure~~ disclosure decided regions to readable data.

51. (currently amended) An image display system according to claim 50, wherein

(A) said image registration terminal device further comprises:

a prospective non-disclosure region setting device for creating said setting-data for said set-regions;

a structured image data creating section for creating said structured image data;

a reference data creating section for creating reference data for referencing said set-regions within said structured image data;

a first memory for storing said image data, said structured image data, said setting-data and said reference data, in a readable fashion; and

a first output section for reading out said structured image data, said setting-data and said reference data from said first memory and outputting same to said server for storage;

wherein said first output section ~~contains~~ comprises said first screen display section;

wherein said prospective non-disclosure region setting device comprises an index data creating section for creating index data relating to said image data and to said set-regions, as a portion of said setting-data;

wherein said index data creating section ~~contains~~ comprises said reference data creating section as a portion thereof;

wherein the index data relating to said image data ~~comprising~~ comprises indexing keywords, and image data tag names and attribute names; and

wherein the index data relating to said set regions ~~comprising~~ comprises a region number, two-dimensional co-ordinate values, region width and region height for said set-regions, said reference data, and name attributes indicating the item names relating to said set regions;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and it also ~~stores~~ storing said structured image data, said setting-data and said reference data, from said image registration terminal device; and

(C) said reading terminal device further comprises:

a non-disclosed region deciding section for specifying ~~disclosed~~ said disclosure decided regions and ~~non-disclosed~~ said non-disclosure decided regions by selecting item names by specifying a read out reading authorization level, and specifying set-regions corresponding to the selected item names in image data region of said image data, from said structured image data, said setting data and said reference data, on the basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for creating said disclosure data by converting image data within said non-disclosure decided regions to said non-readable data, in addition to said readable data conversion;

a second output section for converting said disclosure data to a disclosure document having perceivable contents, wherein said second output section comprises said second screen display section; and

a second memory for storing, in a readable fashion, said image data, said setting-data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data and said item name correspondence ~~data~~; data.

~~wherein said second output section contains said second screen display section.~~

Claims 52-54 (cancelled).

55. (currently amended) An image display system according to claim 20, wherein:

reader level data for specifying reader levels in relation to particular setting data elements of said setting-data is previously registered in said server; and

said region deciding section comprises a direct deciding section which sets ~~disclosed said disclosure-decided~~ regions and ~~non-disclosed~~ said non-disclosure decided regions within said image data region, directly, by specifying a reader level in said reader level data read out from said server by the second input section.

56. (currently amended) An image display system according to claim 55,

wherein said reader level data is data which is structured with respect to the reader level, reader name and ~~the~~ a department title of ~~the~~ a respective reader.

57. (original) An image display system according to claim 55,

wherein: in cases where a user name for said reader and a password for said reader are previously stored in said reader level data, as a registered user name and a registered password,

said region deciding section further comprises a comparing section for comparing said registered user name and said registered password read out from said server by said second input section with a user name and password input by said reader by means of said second input section;

and if the comparison performed by said comparing section produces a match, then said direct deciding section specifies said reader level for the matching reader name.

58. (currently amended) An ~~image display device~~ apparatus which is ~~connected to~~
communicates with an original image holding device for holding first image data, and
which ~~has the functions of reading~~ reads out and ~~displaying~~ displays second image data
corresponding to said first image data from a storing device, and said apparatus
additionally detecting alterations to said second image data when the second image data is
read out and requesting said original image holding device to transfer first image data if an
alteration is detected.